



App. S/N: 09/689,225  
Filing Date: 10/10/2000

AMENDMENT AND RESPONSE  
TO NON-FINAL OFFICE ACTION

Examiner Thomas T. Nguyen  
Group Art Unit: 2174

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTORS: James Agutter  
Dwayne R. Westenskow  
Noah Syroid  
Julio C. Bermudez  
Yinqi Zhang

ASSIGNEE: University of Utah Research Foundation  
TITLE: METHOD AND APPARATUS FOR MONITORING DYNAMIC  
CARDIOVASCULAR FUNCTION USING N-DIMENSIONAL  
REPRESENTATIONS OF CRITICAL FUNCTIONS

SERIAL NO.: 09/689,225  
CONFIRM. NO.: 7116  
FILING DATE: October 10, 2000  
GAU: 2174  
DOCKET NO.: 4315 P

RECEIVED

OCT 30 2003

Technology Center 2100

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Mail Stop: OFFICE ACTION RESPONSE

CERTIFICATE OF MAILING

Honorable Commissioner for Patents:

I hereby certify that the attached paper or fee (Response to Office Action) is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee," Express Mail Mailing Label Number ER509040685US on this 24<sup>th</sup> day of October, 2003 with sufficient postage and in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450, Mail Stop OFFICE ACTION RESPONSE.

Signature of registered practitioner or other person having reasonable basis to expect mailing to occur on the date of deposit shown pursuant to 37 CFR. § 1.8(a) or person actually making deposit pursuant to 37 CFR § 1.10(b).

Lloyd W. Sadler, Reg. No. 40,154

Name of person whose signature is given above



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COVER LETTER

Honorable Commissioner for Patents:

Enclosed herewith please find the following documents comprising: (1) a Response to Office Action; (2) a petition for extension of time and fee (credit card payment form); and (3) a return receipt postcard. Should additional time be required applicant respectfully requests the necessary extension of time. The Commissioner is hereby authorized to charge any deficiency in required fee to Deposit Account No. 50-0581. Thank you.

Respectfully, submitted this 24th day of October, 2003.

Lloyd W. Sadler, Reg. No. 40,154  
PARSONS BEHLE & LATIMER  
201 South Main Street, Suite 1800  
Salt Lake City, Utah 84111

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